

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY


(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

REC'D 01 DEC 2005

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Applicant's or agent's file reference PD53574PC		<b>FOR FURTHER ACTION</b>		See Form PCT/IPEA/416
International application No. PCT/EP2004/010613		International filing date (day/month/year) 22.09.2004	Priority date (day/month/year) 23.10.2003	
International Patent Classification (IPC) or national classification and IPC H04M1/725, H04M1/247				
Applicant SONY ERICSSON MOBILE COMMUNICATIONS AB et al.				
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> sent to the applicant and to the International Bureau a total of 3 sheets, as follows:</p> <p><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (Indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>				
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the opinion</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>				
Date of submission of the demand  23.08.2005		Date of completion of this report  01.12.2005		
Name and mailing address of the international preliminary examining authority:  European Patent Office - P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016		Authorized Officer  Pascual Vallés, E  Telephone No. +31 70 340-1022		



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ON PATENTABILITY**

International application No.  
PCT/EP2004/010613

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**Box No. I Basis of the report**

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1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language , which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
  - ☐ publication of the international application (under Rule 12.4)
  - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements\*** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

**Description, Pages**

1-8 as originally filed

**Claims, Numbers**

1-16 as amended (together with any statement) under Art. 19 PCT

**Drawings, Sheets**

1/2, 2/2 as originally filed

☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing

3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages
  - ☐ the claims, Nos.
  - ☐ the drawings, sheets/figs
  - ☐ the sequence listing (*specify*):
  - ☐ any table(s) related to sequence listing (*specify*):
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages
  - ☐ the claims, Nos.
  - ☐ the drawings, sheets/figs
  - ☐ the sequence listing (*specify*):
  - ☐ any table(s) related to sequence listing (*specify*):

\* If item 4 applies, some or all of these sheets may be marked "superseded."

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**Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

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1. Statement

Novelty (N)	Yes: Claims	3,7,9-14
	No: Claims	1,2,4-6,8,15,16
Inventive step (IS)	Yes: Claims	
	No: Claims	1-16
Industrial applicability (IA)	Yes: Claims	1-16
	No: Claims	

2. Citations and explanations (Rule 70.7):

**see separate sheet**

The following documents are referred to in this communication:

- D1:** US 2002/159600 A1 (WEINER MOSHE) 31 October 2002 (2002-10-31)  
**D2:** ANONYMOUS: 'Siemens C45 USER GUIDE passage' SIEMENS C45 USER GUIDE, XX, XX, 2001, pages 1-81, XP002221958  
**D3:** EP-A-1 150 478 (SAGEM) 31 October 2001 (2001-10-31)

**Re Item V**

**Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of independent method claim 1 and apparatus claim 6 is not new in the sense of Article 33(2) PCT.

The document D1 discloses (the references in parentheses applying to this document):

Device for preparing a message in an electronic communication device (fig.1, ref.30) comprising:

- a message type selection unit (fig.2, ref.10 and 280) providing a set of message types that can be selected by a user (SMS, e-mail, facsimile, etc., paragraph [44]),
- a first user input unit (fig.2, ref.10 and 280, paragraph [44]), for allowing message type selection by the user, and
- a control unit (fig.1, ref.40) arranged to provide the set of items of message types that can be selected by a user in an editor having a format common for all messages types (paragraph [36], [41], fig.1 and 2, ref.10 and 280), detect a message selection by a user via said first user input unit, change the transmission format in dependance of the selections made by the user (paragraph [44]) which provides preparing and saving a message in advance of deciding final message type for transmission thereof (a pad, fig.1 and 2, ref.10, is used as common editor for any kind of messages, wherein inputted messages can be saved and displayed, paragraph [42], before selecting the transmission format, paragraph [44]).

The subject-matter of independent apparatus claim 6 and corresponding independent

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method claim 1 is therefore not new (Article 33(2) EPC).

2. Dependent claims 2-5, 7-16 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step, see documents D1-D3 and the corresponding passages cited in the search report.
3. The subject-matter of claims 1-16 relates to a method and a device for preparing an electronic message and has an industrial application.

## CLAIMS

1. Method of preparing a message in an electronic communication device comprising the steps of:  
providing a set of message types (20, 22, 24, 26) that can be selected by a user in an editor common for all message types, (step 100),  
detecting a message type selection for a user, (step 102, 106), and  
changing transmission format in dependence of the selections made by the user, (step 108), which provides preparing and saving a message in advance of deciding final message type for transmission or saving thereof.
2. Method according to claim 1, further comprising the step (step 110) of showing the message, typically on an information presentation unit (14), in a format corresponding with the selected message type (20, 22, 24, 26).
3. Method according to claim 1, wherein a first user input unit (32) allows actuation for (step 102) and scrolling (step 104) in a first direction and a second opposite direction, wherein the detection (step 106) of a selection by an actuation (step 102) and confirmation (step 106) of the first user input unit (32) for one direction provides selection of a message type and the detection of a selection provides changing the transmission format in dependence of the selections made by the user (step 108).
4. Method according to any previous claim, further comprising the step of saving a message (step 110).
5. Method according to claims 4, wherein the step of saving (step 110) is performed in a general format.
6. Device (10) for preparing a message in an electronic communication device comprising:  
a message type selection-unit (14) providing a set of message types (20, 22, 24, 26, 28) that can be selected by a user,  
a first user input unit (32), for allowing message type selection by the user, and  
a control unit (40) arranged to:  
provide the set of items of message types (20, 22, 24, 26) that can be selected by a user in an editor having a format common for all message types,  
detect a message selection by a user via said first user input unit (32),

change the transmission format in dependence of the selections made by the user which provides preparing and saving a message in advance of deciding final message type for transmission or saving thereof.

7. Device according to claim 6, wherein the first user input unit (32) allows actuation for and scrolling in a first direction and a second opposite direction, and a second user input unit (34) is arranged to confirm a selection, wherein the detection of a selection by an actuation of the first user input unit (32) for one direction to an item (20, 22, 24, 26) and confirmation by the second user input unit (34) provides selection of a message type (20, 22, 24, 26) and the detection of a selection provides changing the transmission format (20, 22, 24, 26) in dependence of the selections made by the user.
8. Device according to claim 6 or 7, wherein the control unit (40) is arranged to change the appearance on an information presentation unit (14) in dependence of the selections made by the user.
9. Device according to any one of the claims 6-8, further comprising a store (30) selectable by a user for storing a message and wherein the control unit (40) is further arranged to save a message in the store (30) in a general format
10. Device according to claim 9, wherein the control unit (40) is arranged to automatically save the message in the store (40).
11. Device according to any one of the claims 6-10, wherein the control unit (40) is arranged to upload the message to a predefined web address.
12. Device according to claim 11, wherein the control unit (40) is arranged to upload the message to a predefined web address with automated log-in.
13. Device according to claim 11, wherein the control unit (40) is arranged to upload the message to a predefined web address without automated log-in.
14. Device according to any one of the claims 6-13, wherein irrelevant tools is arranged not to be selectable so that a user can continue to edit in the format selected only.
15. Device (10) according to any of the previous claims, wherein the device (10) is a portable electronic communication device.

16. Device according to claim 15, wherein the device (10) is a cellular phone, a PDA or a smart-phone.